

=&gt; d his

(FILE 'HOME' ENTERED AT 08:38:27 ON 17 JUL 2006)  
SET COST OFF

FILE 'HCAPLUS' ENTERED AT 08:39:31 ON 17 JUL 2006

L1 1 S US20040120922/PN OR (US2003-686808# OR WO2003-US32873 OR US20  
E BURKE S/AU  
L2 160 S E3,E10  
E BRUKE STEV/AU  
E BURKE STEV/AU  
L3 43 S E4,E9,E10  
E GENZYM/PA,CS  
L4 757 S E5,E6 OR GENZYME?/PA,CS  
SEL RN L1

FILE 'REGISTRY' ENTERED AT 08:41:07 ON 17 JUL 2006

L5 7 S E1-E7  
L6 3 S L5 AND N/ELS AND 1/NC  
L7 1 S L5 AND OC2/ES AND 1/NC  
E C3H5CLO/MF  
L8 24 S E3 AND OC2/ES  
L9 11 S L8 NOT (11C# OR 13C# OR 14C# OR C11# OR C13# OR C14# OR (D OR  
SEL RN 4 5 7 11 L9  
L10 4 S E1-E4  
L11 25203 S E1-E4/CRN  
L12 12630 S L11 AND N/ELS  
L13 496 S L12 AND 2/NC  
L14 100 S L12 AND (124-02-7 OR 107-11-9 OR 593-67-9)/CRN  
L15 4 S L14 AND CLH AND 3/NC  
L16 1 S 779974-67-3/CRN AND L11  
L17 3 S L13 AND L14  
L18 STR  
L19 STR  
L20 STR L19  
L21 12 S (L18 OR L20) CSS SAM SUB=L11  
L22 208 S (L18 OR L20) CSS FUL SUB=L11  
SAV L22 SCHL686/A  
L23 8 S L15-L17  
L24 200 S L22 NOT L23  
L25 24 S L24 AND NC5/ES  
L26 19 S L24 AND NC4/ES  
L27 42 S L25,L26  
L28 22 S L27 AND 46.156.1/RID  
L29 19 S 16.136.1/RID AND L27  
L30 1 S L27 NOT L28,L29  
L31 41 S L27 NOT L30  
L32 28 S L31 AND C6/ES  
L33 13 S L31 NOT L32  
SEL RN 1 3 9 11  
L34 4 S E5-E8  
L35 12 S L23,L34  
L36 158 S L24 NOT L25-L35  
L37 37 S L36 AND C6/ES  
L38 121 S L36 NOT L37  
L39 7 S L38 AND NR>=2  
L40 114 S L38 NOT L39  
L41 4 S L40 AND 2/NC

jan delaval - 17 july 2006

L42 19 S L40 AND 3/NC  
 L43 6 S L42 AND CLH  
 L44 91 S L40 NOT L41-L43,L35  
 L45 22 S L35,L41,L43  
 L46 30 S L44 NOT (BR OR I)/ELS  
 SEL RN 7 8 10 16 19 20 24 L46  
 L47 7 S E9-E15

FILE 'HCAOLD' ENTERED AT 09:39:56 ON 17 JUL 2006  
 L48 0 S L45 OR L47

FILE 'HCAPLUS' ENTERED AT 09:40:02 ON 17 JUL 2006  
 L49 240 S L45 OR L47

FILE 'HCAPLUS' ENTERED AT 09:40:20 ON 17 JUL 2006

FILE 'REGISTRY' ENTERED AT 09:40:24 ON 17 JUL 2006  
 L50 2 S L6 NOT 26336-38-9  
 L51 1 S L6 NOT L50

FILE 'HCAPLUS' ENTERED AT 09:41:52 ON 17 JUL 2006

L52 17106 S L10  
 L53 66 S L50 AND L52  
 L54 48 S L51 AND L52

FILE 'REGISTRY' ENTERED AT 09:42:22 ON 17 JUL 2006

L55 14 S NC2/ES AND C2H3N/MF  
 L56 1 S L55 AND IDS/CI  
 L57 1 S 151-56-4  
 L58 1588 S 151-56-4/CRN AND PMS/CI  
 L59 87 S L58 AND L11  
 L60 3 S L59 AND 2/NC  
 L61 8 S L58 AND 1/NC  
 L62 1 S L61 AND HOMOPOLYMER NOT (DIMER OR TRIMER OR TETRAMER)  
 E (C25N)/MF  
 E (C2H5N)/MF  
 L63 1 S E8  
 L64 0 S L63 AND L11

FILE 'HCAPLUS' ENTERED AT 09:46:01 ON 17 JUL 2006

L65 73 S L60  
 L66 394 S L62,L63 AND L52  
 L67 95 S L53,L54  
 L68 462 S L65,L66  
 L69 6 S L1-L4 AND L67  
 L70 5 S L1-L4 AND L68  
 L71 8 S L69,L70  
 L72 1 S L71 AND (BONE OR ?OSTEO? OR ?OSSO?)  
 E BONE/CT  
 L73 117985 S E3+OLD,NT  
 L74 65593 S E3-E95  
 L75 8941 S E129+OLD,NT  
 L76 735 S E214+OLD,NT  
 L77 5553 S E217+OLD,NT  
 L78 851 S E241+OLD,NT  
 L79 4413 S E253+OLD,NT  
 L80 3730 S E253-E263  
 L81 7266 S E269+OLD,NT  
 L82 1732 S E270+OLD  
 L83 6360 S E286

L84 82191 S E287+OLD,NT  
 L85 20031 S E287-E332  
 L86 8084 S E333+OLD,NT OR E340 OR E333-E339  
 L87 8740 S E359-E365  
     E E3+ALL  
 L88 27272 S E22+OLD,NT OR E24+OLD,NT OR E25+OLD,NT OR E26+OLD,NT OR E27+O  
 L89 116010 S BONE#/CW,CT  
 L90 1 S L71 AND L73-L89  
 L91 1 S L72,L90  
 L92 2 S L67 AND L73-L89  
 L93 0 S L68 AND L73-L89  
 L94 2 S L91,L92  
 L95 1 S L94 NOT POLLUTANT  
 L96 112 S L10 (L) (THU OR PKT OR PAC OR DMA)/RL  
 L97 6 S L96 AND L53  
 L98 9 S L96 AND L54  
 L99 12 S L97,L98  
 L100 12 S L67 AND L96  
     E SCAN L91

FILE 'REGISTRY' ENTERED AT 09:59:16 ON 17 JUL 2006

E SEVELAMER/CN

L101 3 S E3-E5

FILE 'HCAPLUS' ENTERED AT 09:59:46 ON 17 JUL 2006

L102 183 S L101  
 L103 170 S SEVELAMER OR RENAGEL OR GT 16 026A OR PHOSBLOCK  
 L104 213 S L102,L103  
 L105 26 S L104 AND L73-L89  
 L106 26 S L95,L105  
 L107 43 S L1-L4 AND L104  
 L108 6 S L107 AND L106  
 L109 6 S L95,L108  
 L110 6 S L106 AND (PY<=2002 OR PRY<=2002 OR AY<=2002)  
 L111 9 S L109,L110  
 L112 6 S L111 AND (PY<=2002 OR PRY<=2002 OR AY<=2002)  
 L113 3 S L111 NOT L112

FILE 'REGISTRY' ENTERED AT 10:04:08 ON 17 JUL 2006

FILE 'HCAPLUS' ENTERED AT 10:04:32 ON 17 JUL 2006

FILE 'REGISTRY' ENTERED AT 10:05:32 ON 17 JUL 2006

L114 30 S L45,L47,L101

FILE 'MEDLINE' ENTERED AT 10:06:52 ON 17 JUL 2006

L115 166 S L114  
 L116 237 S L103  
 L117 237 S L115,L116  
 L118 51 S L117 AND PY<=2002  
     E BONE/CT  
 L119 0 S E9+NT AND L118  
     E E147+ALL  
 L120 0 S E1+NT AND L118  
     E BONE DEMINERALIZATION, PATHOLOGIC/CT  
 L121 0 S E27+NT AND L118  
 L122 0 S E28NT AND L118  
 L123 0 S E49+NT AND L118  
 L124 1 S E69+NT AND L118  
 L125 0 S E235+NT AND L118

L126 0 S E262+NT AND L118  
L127 0 S E473+NT AND L118  
L128 0 S E536+NT AND L118  
L129 0 S E582+NT AND L118  
L130 0 S E651+NT AND L118  
L131 0 S E659+NT AND L118  
L132 0 S E668+NT AND L118  
L133 0 S E727+NT AND L118  
L134 0 S E751+NT AND L118  
L135 18 S L118 AND BURKE ?/AU

FILE 'MEDLINE' ENTERED AT 10:14:08 ON 17 JUL 2006

FILE 'BIOSIS' ENTERED AT 10:14:17 ON 17 JUL 2006

E BURKE S/AU  
L136 97 S E3,E15  
E BURKE STEV/AU  
L137 48 S E4,E5,E8  
L138 235 S L114,L103  
L139 44 S L136,L137 AND L138  
L140 29 S L139 AND PY<=2002

FILE 'EMBASE' ENTERED AT 10:16:53 ON 17 JUL 2006

L141 424 S L114,L103  
L142 132 S L141 AND PY<=2002  
E BONE/CT  
L143 2 S L142 AND E3+NT  
L144 1 S L142 AND E134+NT  
L145 15 S L142 AND E174+NT  
L146 0 S L142 AND E219+NT  
L147 0 S L142 AND E234+NT  
L148 5 S L142 AND E250+NT  
L149 2 S L142 AND E266+NT  
L150 0 S L142 AND E268+NT  
L151 2 S L142 AND E290+NT  
L152 35 S L142 AND E296+NT  
L153 0 S L142 AND E360+NT  
L154 0 S L142 AND E397+NT  
L155 26 S L142 AND BONE?/CT  
L156 40 S L143-L155  
L157 25 S L156 AND HYPERPHOSPHATEMIA?/CT,BI  
L158 15 S L156 NOT L157

FILE 'WPIX' ENTERED AT 10:22:30 ON 17 JUL 2006

L159 28 S L103  
E SEVELAMER/CN  
L160 3 S E3-E6  
L161 21 S (RAMTR9 OR RA8XB3 OR RA6OQJ)/DCN OR (1311354-0-1-0 OR 169513-  
L162 31 S L159,L160  
L163 4 S L161 AND A61P019/IPC,IC,ICM,ICS,ICA,ICI  
L164 2 S L161 AND (B12-J08 OR C12-J08 OR B14-N01? OR C14-N01? OR B04-B  
L165 4 S L163,L164  
L166 2 S L165 AND BURKE ?/AU

FILE 'WPIX' ENTERED AT 10:29:18 ON 17 JUL 2006

=>

=> => fil reg

FILE 'REGISTRY' ENTERED AT 10:05:32 ON 17 JUL 2006  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
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Property values tagged with IC are from the ZIC/VINITI data file  
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STRUCTURE FILE UPDATES: 14 JUL 2006 HIGHEST RN 892755-86-1  
DICTIONARY FILE UPDATES: 14 JUL 2006 HIGHEST RN 892755-86-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

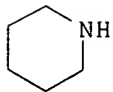
<http://www.cas.org/ONLINE/UG/regprops.html>

=> => d ide can tot

L114 ANSWER 1 OF 30 REGISTRY COPYRIGHT 2006 ACS on STN  
RN **861319-31-5** REGISTRY  
ED Entered STN: 23 Aug 2005  
CN Epichlorohydrin, compd. with piperidine (2CI) (CA INDEX NAME)  
MF C5 H11 N . C3 H5 Cl O  
SR CAS EARLY REGISTRATIONS  
LC STN Files: CA, CAPLUS

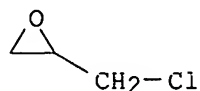
CM 1

CRN 110-89-4  
CMF C5 H11 N



CM 2

CRN 106-89-8  
CMF C3 H5 Cl O



1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 11:12484

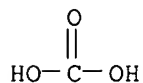
L114 ANSWER 2 OF 30 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 845273-93-0 REGISTRY  
ED Entered STN: 11 Mar 2005  
CN Carbonic acid, compd. with (chloromethyl)oxirane polymer with  
2-propen-1-amine (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GT 335-012  
CN **Sevelamer carbonate**  
MF (C3 H7 N . C3 H5 Cl O)x . x C H2 O3  
PCT Polyamine, Polyamine formed, Polyvinyl  
SR CAS Client Services  
LC STN Files: CA, CAPLUS, IMSDRUGNEWS, IMSRESEARCH, TOXCENTER

CM 1

CRN 463-79-6  
CMF C H2 O3

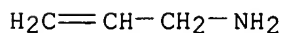


CM 2

CRN 52757-95-6  
CMF (C3 H7 N . C3 H5 Cl O)x  
CCI PMS

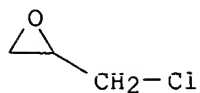
CM 3

CRN 107-11-9  
CMF C3 H7 N



CM 4

CRN 106-89-8  
CMF C3 H5 Cl O



2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

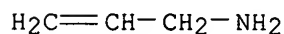
REFERENCE 1: 144:440121

REFERENCE 2: 142:385991

L114 ANSWER 3 OF 30 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 473911-93-2 REGISTRY  
ED Entered STN: 19 Nov 2002  
CN 2-Propen-1-aminium, N,N,N-trimethyl-, chloride, polymer with  
(chloromethyl)oxirane and 2-propen-1-amine hydrochloride (9CI) (CA INDEX  
NAME)  
MF (C6 H14 N . C3 H7 N . C3 H5 Cl O . Cl H . Cl)x  
CI PMS  
PCT Polyamine, Polyamine formed, Polyvinyl  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER

CM 1

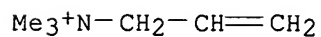
CRN 10017-11-5 (107-11-9)  
CMF C3 H7 N . Cl H



● HCl

CM 2

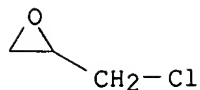
CRN 1516-27-4 (10250-84-7)  
CMF C6 H14 N . Cl



● Cl<sup>-</sup>

CM 3

CRN 106-89-8  
CMF C3 H5 Cl O



3 REFERENCES IN FILE CA (1907 TO DATE)  
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 137:338581

REFERENCE 2: 137:333145

REFERENCE 3: 137:333144

L114 ANSWER 4 OF 30 REGISTRY COPYRIGHT 2006 ACS on STN

RN **406701-36-8** REGISTRY

ED Entered STN: 23 Apr 2002

CN 2-Propen-1-aminium, N,N-dimethyl-N-2-propenyl-, chloride, polymer with (chloromethyl)oxirane and N-2-propenyl-2-propen-1-amine hydrochloride, sodium salt (9CI) (CA INDEX NAME)

OTHER NAMES:

CN Diallylamine hydrochloride-diallyldimethylammonium chloride-epichlorohydrin copolymer sodium salt

MF (C8 H16 N . C6 H11 N . C3 H5 Cl O . Cl H . Cl)x . x Na

PCT Polyether, Polyether formed, Polyvinyl

SR CA

LC STN Files: CA, CAPLUS

CM 1

CRN 323574-51-2

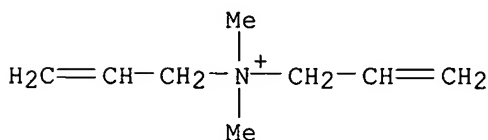
CMF (C8 H16 N . C6 H11 N . C3 H5 Cl O . Cl H . Cl)x

CCI PMS

CM 2

CRN 7398-69-8 (48042-45-1)

CMF C8 H16 N . Cl



● Cl<sup>-</sup>

CM 3

CRN 6147-66-6 (124-02-7)

CMF C6 H11 N . Cl H



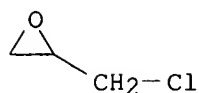


● HCl

CM 4

CRN 106-89-8

CMF C3 H5 Cl O



2 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 142:220685

REFERENCE 2: 136:295551

L114 ANSWER 5 OF 30 REGISTRY COPYRIGHT 2006 ACS on STN

RN **323574-51-2** REGISTRY

ED Entered STN: 23 Feb 2001

CN 2-Propen-1-aminium, N,N-dimethyl-N-2-propenyl-, chloride, polymer with (chloromethyl)oxirane and N-2-propenyl-2-propen-1-amine hydrochloride (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2-Propen-1-amine, N-2-propenyl-, hydrochloride, polymer with (chloromethyl)oxirane and N,N-dimethyl-N-2-propenyl-2-propen-1-aminium chloride (9CI)

CN Oxirane, (chloromethyl)-, polymer with N,N-dimethyl-N-2-propenyl-2-propen-1-aminium chloride and N-2-propenyl-2-propen-1-amine hydrochloride (9CI)

OTHER NAMES:

CN DADMAC-diallylamine hydrochloride-epichlorohydrin copolymer

CN Diallylamine hydrochloride-diallyldimethylammonium chloride-epichlorohydrin copolymer

MF (C8 H16 N . C6 H11 N . C3 H5 Cl O . Cl H . Cl)x

CI PMS, COM

PCT Polyether, Polyether formed, Polyvinyl

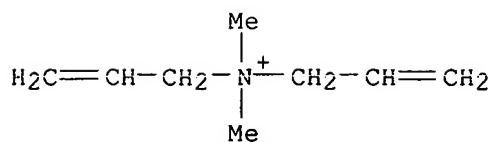
SR CA

LC STN Files: CA, CAPLUS

CM 1

CRN 7398-69-8 (48042-45-1)

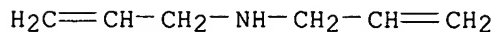
CMF C8 H16 N . Cl

● Cl<sup>-</sup>

CM 2

CRN 6147-66-6 (124-02-7)

CMF C6 H11 N . Cl H

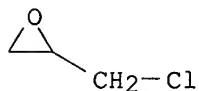


● HCl

CM 3

CRN 106-89-8

CMF C3 H5 Cl O



3 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 141:296165

REFERENCE 2: 135:345173

REFERENCE 3: 134:149172

L114 ANSWER 6 OF 30 REGISTRY COPYRIGHT 2006 ACS on STN

RN 273219-75-3 REGISTRY

ED Entered STN: 27 Jun 2000

CN Piperidinium, 1,1-di-2-propenyl-, bromide, polymer with  
 (chloromethyl)oxirane and N-2-propenyl-2-propen-1-amine hydrochloride  
 (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2-Propen-1-amine, N-2-propenyl-, hydrochloride, polymer with  
 (chloromethyl)oxirane and 1,1-di-2-propenylpiperidinium bromide (9CI)

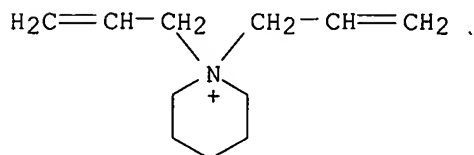
CN Oxirane, (chloromethyl)-, polymer with 1,1-di-2-propenylpiperidinium  
 bromide and N-2-propenyl-2-propen-1-amine hydrochloride (9CI)

MF (C11 H20 N . C6 H11 N . C3 H5 Cl O . Br . Cl H)x

CI PMS  
 PCT Polyether, Polyether formed, Polyvinyl  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL

CM 1

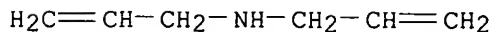
CRN 14764-66-0 (779974-67-3)  
 CMF C11 H20 N . Br



● Br<sup>-</sup>

CM 2

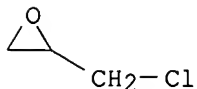
CRN 6147-66-6 (124-02-7)  
 CMF C6 H11 N . Cl H



● HCl

CM 3

CRN 106-89-8  
 CMF C3 H5 Cl O



1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 133:18008

L114 ANSWER 7 OF 30 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 273219-74-2 REGISTRY  
 ED Entered STN: 27 Jun 2000  
 CN Pyrrolidinium, 1,1-di-2-propenyl-, bromide, polymer with  
 (chloromethyl)oxirane and N-2-propenyl-2-propen-1-amine hydrochloride  
 (9CI) (CA INDEX NAME)

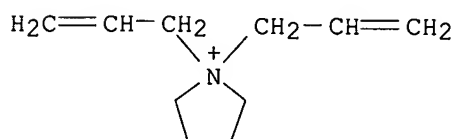
## OTHER CA INDEX NAMES:

CN 2-Propen-1-amine, N-2-propenyl-, hydrochloride, polymer with  
(chloromethyl)oxirane and 1,1-di-2-propenylpyrrolidinium bromide (9CI)  
CN Oxirane, (chloromethyl)-, polymer with 1,1-di-2-propenylpyrrolidinium  
bromide and N-2-propenyl-2-propen-1-amine hydrochloride (9CI)  
MF (C10 H18 N . C6 H11 N . C3 H5 Cl O . Br . Cl H)x  
CI PMS  
PCT Polyether, Polyether formed, Polyvinyl  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 120029-88-1 (705915-62-4)

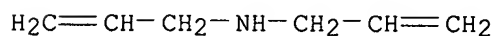
CMF C10 H18 N . Br

● Br<sup>-</sup>

CM 2

CRN 6147-66-6 (124-02-7)

CMF C6 H11 N . Cl H

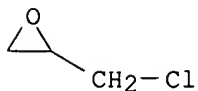


● HCl

CM 3

CRN 106-89-8

CMF C3 H5 Cl O



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 133:18008

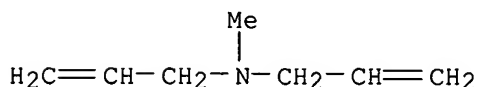
L114 ANSWER 8 OF 30 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 221666-21-3 REGISTRY  
 ED Entered STN: 27 Apr 1999  
 CN 2-Propen-1-amine, N-methyl-N-2-propenyl-, polymer with  
 (chloromethyl)oxirane, hydrochloride (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Oxirane, (chloromethyl)-, polymer with N-methyl-N-2-propenyl-2-propen-1-  
 amine, hydrochloride (9CI)  
 MF (C7 H13 N . C3 H5 Cl O)x . x Cl H  
 CI COM  
 PCT Polyether, Polyether formed, Polyvinyl  
 SR CA  
 LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL

CM 1

CRN 37890-28-1  
 CMF (C7 H13 N . C3 H5 Cl O)x  
 CCI PMS

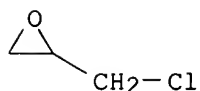
CM 2

CRN 2424-01-3  
 CMF C7 H13 N



CM 3

CRN 106-89-8  
 CMF C3 H5 Cl O



1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 130:253071

L114 ANSWER 9 OF 30 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 221666-18-8 REGISTRY  
 ED Entered STN: 27 Apr 1999  
 CN 2-Propen-1-amine, polymer with (chloromethyl)oxirane, hydrochloride (9CI)  
 (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Oxirane, (chloromethyl)-, polymer with 2-propen-1-amine, hydrochloride  
 (9CI)  
 MF (C3 H7 N . C3 H5 Cl O)x . x Cl H  
 CI COM  
 PCT Polyamine, Polyamine formed, Polyvinyl  
 SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL

CM 1

CRN 52757-95-6

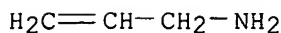
CMF (C3 H7 N . C3 H5 Cl O)x

CCI PMS

CM 2

CRN 107-11-9

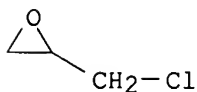
CMF C3 H7 N



CM 3

CRN 106-89-8

CMF C3 H5 Cl O



6 REFERENCES IN FILE CA (1907 TO DATE)

6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 144:23647

REFERENCE 2: 144:10600

REFERENCE 3: 143:339658

REFERENCE 4: 137:370812

REFERENCE 5: 130:312282

REFERENCE 6: 130:253071

L114 ANSWER 10 OF 30 REGISTRY COPYRIGHT 2006 ACS on STN

RN 198342-67-5 REGISTRY

ED Entered STN: 10 Dec 1997

CN Ethenamine, polymer with (chloromethyl)oxirane (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Oxirane, (chloromethyl)-, polymer with ethenamine (9CI)

OTHER NAMES:

CN Epichlorohydrin-vinylamine copolymer

MF (C3 H5 Cl O . C2 H5 N)x

CI PMS, COM

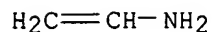
PCT Polyamine, Polyamine formed, Polyvinyl

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL

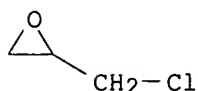
CM 1

CRN 593-67-9  
CMF C2 H5 N



CM 2

CRN 106-89-8  
CMF C3 H5 Cl O



6 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 135:251966

REFERENCE 2: 135:117235

REFERENCE 3: 131:82971

REFERENCE 4: 131:82969

REFERENCE 5: 130:332899

REFERENCE 6: 127:341801

L114 ANSWER 11 OF 30 REGISTRY COPYRIGHT 2006 ACS on STN

RN 172973-48-7 REGISTRY

ED Entered STN: 07 Feb 1996

CN 2-Propen-1-aminium, N,N-dimethyl-N-2-propenyl-, chloride, polymer with (chloromethyl)oxirane and N-methyl-N-2-propenyl-2-propen-1-amine (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2-Propen-1-amine, N-methyl-N-2-propenyl-, polymer with (chloromethyl)oxirane and N,N-dimethyl-N-2-propenyl-2-propen-1-aminium chloride (9CI)

CN Oxirane, (chloromethyl)-, polymer with N,N-dimethyl-N-2-propenyl-2-propen-1-aminium chloride and N-methyl-N-2-propenyl-2-propen-1-amine (9CI)

MF (C8 H16 N . C7 H13 N . C3 H5 Cl O . Cl)x

CI PMS

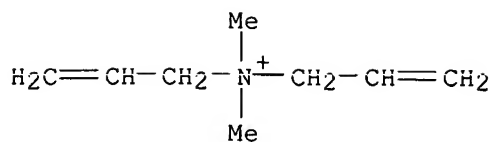
PCT Polyether, Polyether formed, Polyvinyl

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER

CM 1

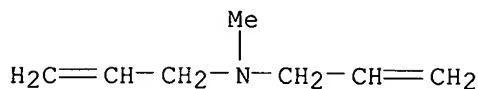
CRN 7398-69-8 (48042-45-1)  
CMF C8 H16 N . Cl

● Cl<sup>-</sup>

CM 2

CRN 2424-01-3

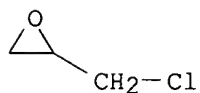
CMF C7 H13 N



CM 3

CRN 106-89-8

CMF C3 H5 Cl O



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 124:126210

L114 ANSWER 12 OF 30 REGISTRY COPYRIGHT 2006 ACS on STN

RN 162651-61-8 REGISTRY

ED Entered STN: 03 May 1995

CN 2-Propen-1-amine, N-2-propenyl-, polymer with (chloromethyl)oxirane, hydrochloride (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Oxirane, (chloromethyl)-, polymer with N-2-propenyl-2-propen-1-amine, hydrochloride (9CI)

MF (C6 H11 N . C3 H5 Cl O)x . x Cl H

PCT Polyether, Polyether formed, Polyvinyl

SR CA

LC STN Files: CA, CAPLUS

CM 1

CRN 114731-42-9

CMF (C6 H11 N . C3 H5 Cl O)x

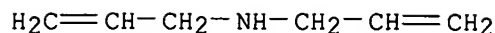
CCI PMS



CM 2

CRN 124-02-7

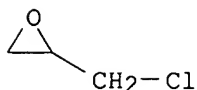
CMF C6 H11 N



CM 3

CRN 106-89-8

CMF C3 H5 Cl O



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 122:268065

L114 ANSWER 13 OF 30 REGISTRY COPYRIGHT 2006 ACS on STN

RN 162651-60-7 REGISTRY

ED Entered STN: 03 May 1995

CN 2-Propen-1-aminium, N,N-dimethyl-N-2-propenyl-, chloride, polymer with (chloromethyl)oxirane and N-2-propenyl-2-propen-1-amine, hydrochloride (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2-Propen-1-amine, N-2-propenyl-, polymer with (chloromethyl)oxirane and N,N-dimethyl-N-2-propenyl-2-propen-1-aminium chloride, hydrochloride (9CI)

CN Oxirane, (chloromethyl)-, polymer with N,N-dimethyl-N-2-propenyl-2-propen-1-aminium chloride and N-2-propenyl-2-propen-1-amine, hydrochloride (9CI)

MF (C8 H16 N . C6 H11 N . C3 H5 Cl O . Cl)x . x Cl H

PCT Polyether, Polyether formed, Polyvinyl

SR CA

LC STN Files: CA, CAPLUS

CM 1

CRN 162651-59-4

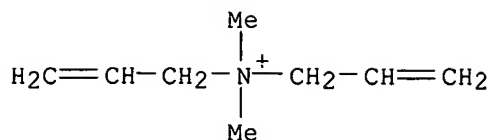
CMF (C8 H16 N . C6 H11 N . C3 H5 Cl O . Cl)x

CCI PMS

CM 2

CRN 7398-69-8 (48042-45-1)

CMF C8 H16 N . Cl

● Cl<sup>-</sup>

CM 3

CRN 124-02-7

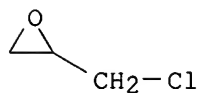
CMF C6 H11 N



CM 4

CRN 106-89-8

CMF C3 H5 Cl O



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 122:268065

L114 ANSWER 14 OF 30 REGISTRY COPYRIGHT 2006 ACS on STN

RN 162651-59-4 REGISTRY

ED Entered STN: 03 May 1995

CN 1-Propen-1-aminium, N,N-dimethyl-N-2-propenyl-, chloride, polymer with (chloromethyl)oxirane and N-2-propenyl-2-propen-1-amine (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2-Propen-1-amine, N-2-propenyl-, polymer with (chloromethyl)oxirane and N,N-dimethyl-N-2-propenyl-2-propen-1-aminium chloride (9CI)

CN Oxirane, (chloromethyl)-, polymer with N,N-dimethyl-N-2-propenyl-2-propen-1-aminium chloride and N-2-propenyl-2-propen-1-amine (9CI)

OTHER NAMES:

CN Diallylamine-diallyldimethylammonium chloride-epichlorohydrin copolymer

MF (C8 H16 N . C6 H11 N . C3 H5 Cl O . Cl)x

CI PMS, COM

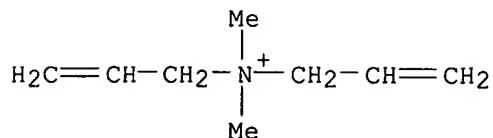
PCT Polyether, Polyether formed, Polyvinyl

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

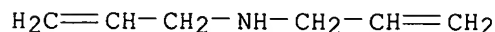
CM 1

CRN 7398-69-8 (48042-45-1)  
 CMF C8 H16 N . Cl



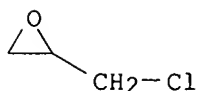
CM 2

CRN 124-02-7  
 CMF C6 H11 N



CM 3

CRN 106-89-8  
 CMF C3 H5 Cl O



5 REFERENCES IN FILE CA (1907 TO DATE)  
 5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 140:376031

REFERENCE 2: 135:112494

REFERENCE 3: 132:208306

REFERENCE 4: 125:35775

REFERENCE 5: 122:268065

L114 ANSWER 15 OF 30 REGISTRY COPYRIGHT 2006 ACS on STN

RN 152751-57-0 REGISTRY

ED Entered STN: 04 Feb 1994

CN 2-Propen-1-amine, hydrochloride, polymer with (chloromethyl)oxirane (9CI)  
 (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Oxirane, (chloromethyl)-, polymer with 2-propen-1-amine hydrochloride  
 (9CI)

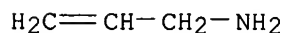
OTHER NAMES:

CN Allylamine hydrochloride-epichlorhydrin copolymer

CN Allylamine hydrochloride-epichlorohydrin copolymer  
 CN GT 16-026A  
 CN Phosblock  
 CN RenaGel  
 CN **Sevelamer hydrochloride**  
 DR 182683-00-7, 198343-01-0  
 MF (C3 H7 N . C3 H5 Cl O . Cl H)x  
 CI PMS, COM  
 PCT Polyamine, Polyamine formed, Polyvinyl  
 SR CA  
 LC STN Files: ADISINSIGHT, ANABSTR, BIOSIS, BIOTECHNO, CA, CAPLUS, CBNB,  
 CIN, EMBASE, IPA, MEDLINE, MRCK\*, PATDPASPC, PHAR, PROUSDDR, TOXCENTER,  
 USAN, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)

CM 1

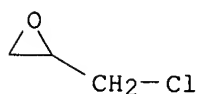
CRN 10017-11-5 (107-11-9)  
 CMF C3 H7 N . Cl H



● HCl

CM 2

CRN 106-89-8  
 CMF C3 H5 Cl O



120 REFERENCES IN FILE CA (1907 TO DATE)  
 4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 121 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 144:456530  
 REFERENCE 2: 144:440121  
 REFERENCE 3: 144:363126  
 REFERENCE 4: 144:285390  
 REFERENCE 5: 144:285388  
 REFERENCE 6: 144:266932  
 REFERENCE 7: 144:266931  
 REFERENCE 8: 144:266930

REFERENCE 9: 144:266929

REFERENCE 10: 144:247121

L114 ANSWER 16 OF 30 REGISTRY COPYRIGHT 2006 ACS on STN

RN 114731-42-9 REGISTRY

ED Entered STN: 04 Jun 1988

CN 2-Propen-1-amine, N-2-propenyl-, polymer with (chloromethyl)oxirane (9CI)  
(CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Oxirane, (chloromethyl)-, polymer with N-2-propenyl-2-propen-1-amine (9CI)

OTHER NAMES:

CN Diallylamine-epichlorohydrin copolymer

CN Senkafix JOY 30

MF (C6 H11 N . C3 H5 Cl O)x

CI PMS, COM

PCT Polyether, Polyether formed, Polyvinyl

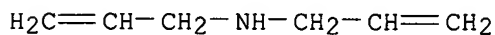
SR CA

LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 124-02-7

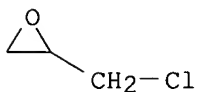
CMF C6 H11 N



CM 2

CRN 106-89-8

CMF C3 H5 Cl O



6 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 143:442279

REFERENCE 2: 141:367552

REFERENCE 3: 138:40667

REFERENCE 4: 135:251966

REFERENCE 5: 122:268065

REFERENCE 6: 109:112293

L114 ANSWER 17 OF 30 REGISTRY COPYRIGHT 2006 ACS on STN

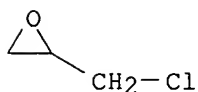
RN 114267-23-1 REGISTRY

ED Entered STN: 07 May 1988

CN 2-Propen-1-amine, N-(1-methylethyl)-N-2-propenyl-, homopolymer, compd. with (chloromethyl)oxirane (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Oxirane, (chloromethyl)-, compd. with N-(1-methylethyl)-N-2-propenyl-2-propen-1-amine homopolymer (9CI)  
 MF (C9 H17 N)x . x C3 H5 Cl O  
 PCT Polyvinyl  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 106-89-8  
 CMF C3 H5 Cl O

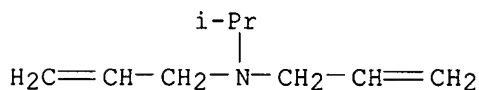


CM 2

CRN 114267-22-0  
 CMF (C9 H17 N)x  
 CCI PMS

CM 3

CRN 10542-47-9  
 CMF C9 H17 N



1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

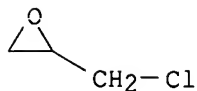
REFERENCE 1: 108:188400

L114 ANSWER 18 OF 30 REGISTRY COPYRIGHT 2006 ACS on STN  
 RN 114267-21-9 REGISTRY  
 ED Entered STN: 07 May 1988  
 CN 2-Propen-1-amine, N-ethyl-N-2-propenyl-, homopolymer, compd. with (chloromethyl)oxirane (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Oxirane, (chloromethyl)-, compd. with N-ethyl-N-2-propenyl-2-propen-1-amine homopolymer (9CI)  
 MF (C8 H15 N)x . x C3 H5 Cl O  
 PCT Polyvinyl  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 106-89-8

CMF C3 H5 Cl O

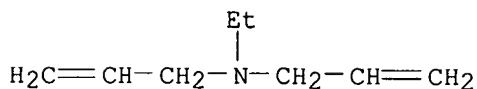


CM 2

CRN 85947-78-0  
 CMF (C8 H15 N) x  
 CCI PMS

CM 3

CRN 3454-10-2  
 CMF C8 H15 N



1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 108:188400

L114 ANSWER 19 OF 30 REGISTRY COPYRIGHT 2006 ACS on STN

RN 112852-39-8 REGISTRY

ED Entered STN: 13 Feb 1988

CN 2-Propen-1-amine, N-methyl-N-2-propenyl-, hydrochloride, homopolymer,  
 compd. with (chloromethyl)oxirane (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Oxirane, (chloromethyl)-, compd. with N-methyl-N-2-propenyl-2-propen-1-  
 amine hydrochloride homopolymer (9CI)

MF (C7 H13 N . Cl H) x . x C3 H5 Cl O

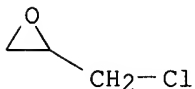
PCT Polyvinyl

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

CM 1

CRN 106-89-8  
 CMF C3 H5 Cl O



CM 2

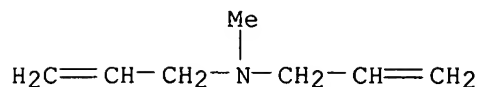
CRN 29566-78-7  
 CMF (C7 H13 N . Cl H) x

CCI PMS

CM 3

CRN 13107-01-2 (2424-01-3)

CMF C7 H13 N . Cl H



● HCl

2 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 110:218027

REFERENCE 2: 108:81400

L114 ANSWER 20 OF 30 REGISTRY COPYRIGHT 2006 ACS on STN

RN 83525-39-7 REGISTRY

ED Entered STN: 16 Nov 1984

CN 2-Propen-1-aminium, N,N-dimethyl-N-2-propenyl-, chloride, polymer with  
N-2-propenyl-2-propen-1-amine hydrochloride, compd. (chloromethyl)oxirane  
(9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2-Propen-1-amine, N-2-propenyl-, hydrochloride, polymer with  
N,N-dimethyl-N-2-propenyl-2-propen-1-aminium chloride, compd. with  
(chloromethyl)oxirane (9CI)

CN Oxirane, (chloromethyl)-, compd. with N,N-dimethyl-N-2-propenyl-2-propen-1-  
aminium chloride polymer with N-2-propenyl-2-propen-1-amine hydrochloride  
(9CI)

MF (C8 H16 N . C6 H11 N . Cl H . Cl)x . x C3 H5 Cl O

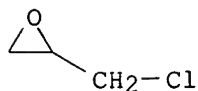
PCT Polyvinyl

LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 106-89-8

CMF C3 H5 Cl O



CM 2

CRN 72728-39-3

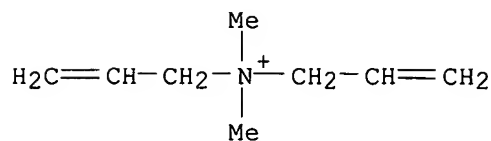
CMF (C8 H16 N . C6 H11 N . Cl H . Cl)x

CCI PMS

CM 3



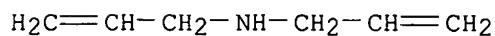
CRN 7398-69-8 (48042-45-1)  
 CMF C8 H16 N . Cl



● Cl<sup>-</sup>

CM 4

CRN 6147-66-6 (124-02-7)  
 CMF C6 H11 N . Cl H



● HCl

4 REFERENCES IN FILE CA (1907 TO DATE)  
 2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 124:58982

REFERENCE 2: 121:302979

REFERENCE 3: 104:51513

REFERENCE 4: 97:183424

L114 ANSWER 21 OF 30 REGISTRY COPYRIGHT 2006 ACS on STN

RN 79020-11-4 REGISTRY

ED Entered STN: 16 Nov 1984

CN 2-Propen-1-amine, N-ethyl-N-2-propenyl-, hydrochloride, polymer with  
 (chloromethyl)oxirane (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Oxirane, (chloromethyl)-, polymer with N-ethyl-N-2-propenyl-2-propen-1-  
 amine hydrochloride (9CI)

MF (C8 H15 N . C3 H5 Cl O . Cl H)x

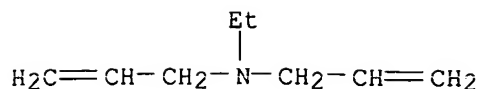
CI PMS

PCT Polyether, Polyether formed, Polyvinyl

LC STN Files: CA, CAPLUS

CM 1

CRN 13107-02-3 (3454-10-2)  
 CMF C8 H15 N . Cl H

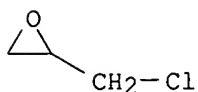


● HCl

CM 2

CRN 106-89-8

CMF C3 H5 Cl O



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 95:117368

L114 ANSWER 22 OF 30 REGISTRY COPYRIGHT 2006 ACS on STN

RN 76649-32-6 REGISTRY

ED Entered STN: 16 Nov 1984

CN 2-Propen-1-amine, N-methyl-N-2-propenyl-, hydrochloride, compd. with (chloromethyl)oxirane homopolymer (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Oxirane, (chloromethyl)-, homopolymer, compd. with N-methyl-N-2-propenyl-2-propen-1-amine hydrochloride (9CI)

MF C7 H13 N . x (C3 H5 Cl O)x . x Cl H

PCT Polyether, Polyether formed

LC STN Files: CHEMLIST

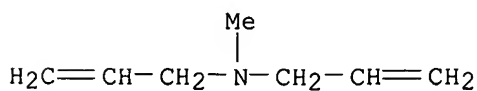
Other Sources: NDSL\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

CM 1

CRN 2424-01-3

CMF C7 H13 N



CM 2

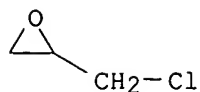
CRN 24969-06-0

CMF (C3 H5 Cl O)x

CCI PMS

CM 3

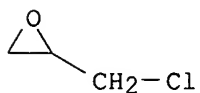
CRN 106-89-8  
CMF C3 H5 Cl O



L114 ANSWER 23 OF 30 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 76123-63-2 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN 2-Propen-1-amine, N-methyl-N-2-propenyl-, homopolymer, compd. with  
(chloromethyl)oxirane (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Oxirane, (chloromethyl)-, compd. with N-methyl-N-2-propenyl-2-propen-1-  
amine homopolymer (9CI)  
MF (C7 H13 N)x . x C3 H5 Cl O  
PCT Polyvinyl  
LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 106-89-8  
CMF C3 H5 Cl O

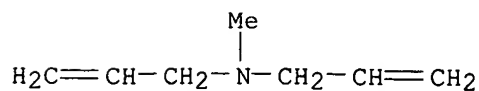


CM 2

CRN 55553-13-4  
CMF (C7 H13 N)x  
CCI PMS

CM 3

CRN 2424-01-3  
CMF C7 H13 N



6 REFERENCES IN FILE CA (1907 TO DATE)  
6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 134:131954  
REFERENCE 2: 108:188400  
REFERENCE 3: 107:117220

REFERENCE 4: 105:173937

REFERENCE 5: 105:117935

REFERENCE 6: 94:49087

L114 ANSWER 24 OF 30 REGISTRY COPYRIGHT 2006 ACS on STN

RN 75034-06-9 REGISTRY

ED Entered STN: 16 Nov 1984

CN Piperidine, compd. with (chloromethyl)oxirane homopolymer (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Oxirane, (chloromethyl)-, homopolymer, compd. with piperidine (9CI)

MF C5 H11 N . x (C3 H5 Cl O)x

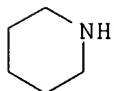
PCT Polyether, Polyether formed

LC STN Files: CA, CAPLUS

CM 1

CRN 110-89-4

CMF C5 H11 N



CM 2

CRN 24969-06-0

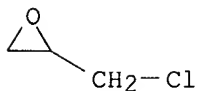
CMF (C3 H5 Cl O)x

CCI PMS

CM 3

CRN 106-89-8

CMF C3 H5 Cl O



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 93:206438

L114 ANSWER 25 OF 30 REGISTRY COPYRIGHT 2006 ACS on STN

RN 54675-92-2 REGISTRY

ED Entered STN: 16 Nov 1984

CN Piperidine, polymer with (chloromethyl)oxirane (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Oxirane, (chloromethyl)-, polymer with piperidine (9CI)

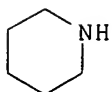
OTHER NAMES:

CN Epichlorohydrin-piperidine copolymer  
CN Epichlorohydrin-piperidine polymer  
MF (C5 H11 N . C3 H5 Cl O)x  
CI PMS  
PCT Polyether, Polyether formed, Polyether  
LC STN Files: CA, CAPLUS

CM 1

CRN 110-89-4

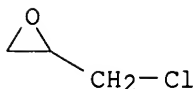
CMF C5 H11 N



CM 2

CRN 106-89-8

CMF C3 H5 Cl O



3 REFERENCES IN FILE CA (1907 TO DATE)  
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 103:105329

REFERENCE 2: 83:194398

REFERENCE 3: 82:112649

L114 ANSWER 26 OF 30 REGISTRY COPYRIGHT 2006 ACS on STN

RN 52757-95-6 REGISTRY

ED Entered STN: 16 Nov 1984

CN 2-Propen-1-amine, polymer with (chloromethyl)oxirane (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Oxirane, (chloromethyl)-, polymer with 2-propen-1-amine (9CI)

OTHER NAMES:

CN Allylamine polymer with 1-chloro-2,3-epoxypropane

CN Allylamine-epichlorohydrin copolymer

CN **Sevelamer**

DR 198342-66-4, 224313-14-8

MF (C3 H7 N . C3 H5 Cl O)x

CI PMS, COM

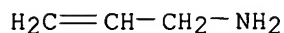
PCT Polyamine, Polyamine formed, Polyvinyl

LC STN Files: ADISINSIGHT, ADISNEWS, BIOSIS, CA, CAPLUS, CBNB, CIN,  
IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, MRCK\*, PATDPASPC, PHAR, PROMT,  
PROUSDDR, TOXCENTER, USAN, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)

CM 1

CRN 107-11-9

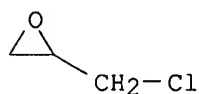
CMF C3 H7 N



CM 2

CRN 106-89-8

CMF C3 H5 Cl O



71 REFERENCES IN FILE CA (1907 TO DATE)

7 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

72 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 145:69

REFERENCE 2: 144:456530

REFERENCE 3: 144:230193

REFERENCE 4: 144:226003

REFERENCE 5: 144:171859

REFERENCE 6: 144:148265

REFERENCE 7: 144:121356

REFERENCE 8: 144:49548

REFERENCE 9: 143:432670

REFERENCE 10: 143:416123

L114 ANSWER 27 OF 30 REGISTRY COPYRIGHT 2006 ACS on STN

RN 37890-28-1 REGISTRY

ED Entered STN: 16 Nov 1984

CN 2-Propen-1-amine, N-methyl-N-2-propenyl-, polymer with  
(chloromethyl)oxirane (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Oxirane, (chloromethyl)-, polymer with N-methyl-N-2-propenyl-2-propen-1-  
amine (9CI)

OTHER NAMES:

CN Diallylmethylamine-epichlorohydrin copolymer

CN Diallylmethylamine-epichlorohydrin polymer

CN Epichlorohydrin-N-methyldiallylamine copolymer

MF (C7 H13 N . C3 H5 Cl O)x

CI PMS, COM

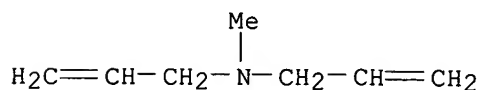
PCT Polyether, Polyether formed, Polyvinyl

LC STN Files: CA, CAPLUS, CHEMLIST, TOXCENTER, USPATFULL  
Other Sources: NDSL\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)

CM 1

CRN 2424-01-3

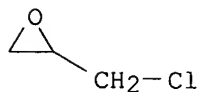
CMF C7 H13 N



CM 2

CRN 106-89-8

CMF C3 H5 Cl O



11 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
11 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 135:243057

REFERENCE 2: 135:117235

REFERENCE 3: 130:338555

REFERENCE 4: 125:35775

REFERENCE 5: 124:126210

REFERENCE 6: 122:268065

REFERENCE 7: 112:57821

REFERENCE 8: 109:112293

REFERENCE 9: 95:44141

REFERENCE 10: 85:126169

L114 ANSWER 28 OF 30 REGISTRY COPYRIGHT 2006 ACS on STN

RN 34460-06-5 REGISTRY

ED Entered STN: 16 Nov 1984

CN 2-Propen-1-amine, N-methyl-N-2-propenyl-, hydrochloride, polymer with  
(chloromethyl)oxirane (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Diallylamine, N-methyl-, hydrochloride, polymer with 1-chloro-2,3-  
epoxypropane (8CI)

CN Oxirane, (chloromethyl)-, polymer with N-methyl-N-2-propenyl-2-propen-1-

amine hydrochloride (9CI)

## OTHER NAMES:

CN Diallylmethylamine hydrochloride-epichlorohydrin copolymer

MF (C7 H13 N . C3 H5 Cl O . Cl H)x

CI PMS, COM

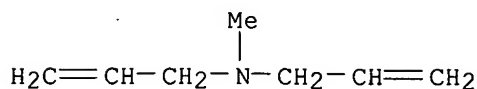
PCT Polyether, Polyether formed, Polyvinyl

LC STN Files: CA, CAPLUS, CHEMLIST, IFICDB, IFIPAT, IFIUDB, TOXCENTER, USPATFULL

CM 1

CRN 13107-01-2 (2424-01-3)

CMF C7 H13 N . Cl H

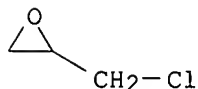


● HCl

CM 2

CRN 106-89-8

CMF C3 H5 Cl O



6 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 143:99166

REFERENCE 2: 131:82969

REFERENCE 3: 129:113550

REFERENCE 4: 92:4806

REFERENCE 5: 86:6543

REFERENCE 6: 75:153147

L114 ANSWER 29 OF 30 REGISTRY COPYRIGHT 2006 ACS on STN

RN 34447-66-0 REGISTRY

ED Entered STN: 16 Nov 1984

CN Propionamide, 3-(diallylamino)-, monohydrochloride, polymer with 1-chloro-2,3-epoxypropane (8CI) (CA INDEX NAME)

## OTHER NAMES:

CN β-Propionamidodiallylamine, hydrochloride-epichlorohydrin polymer

MF (C9 H16 N2 O . C3 H5 Cl O . Cl H)x

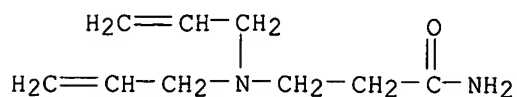


CI PMS  
 PCT Polyether, Polyether formed, Polyvinyl  
 LC STN Files: CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, USPATFULL

CM 1

CRN 45016-98-6 (15990-34-8)

CMF C9 H16 N2 O . Cl H

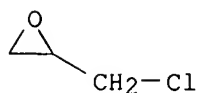


● HCl

CM 2

CRN 106-89-8

CMF C3 H5 Cl O



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 75:153147

L114 ANSWER 30 OF 30 REGISTRY COPYRIGHT 2006 ACS on STN

RN 34411-58-0 REGISTRY

ED Entered STN: 16 Nov 1984

CN 2-Propen-1-amine, N-2-propenyl-, hydrochloride, polymer with  
 (chloromethyl)oxirane (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Diallylamine, hydrochloride, polymer with 1-chloro-2,3-epoxypropane (8CI)

CN Oxirane, (chloromethyl)-, polymer with N-2-propenyl-2-propen-1-amine  
 hydrochloride (9CI)

OTHER NAMES:

CN Diallylamine hydrochloride-epichlorohydrin copolymer

MF (C6 H11 N . C3 H5 Cl O . Cl H) x

CI PMS

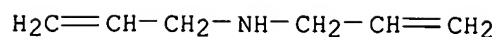
PCT Polyether, Polyether formed, Polyvinyl

LC STN Files: CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, TOXCENTER, USPATFULL

CM 1

CRN 6147-66-6 (124-02-7)

CMF C6 H11 N . Cl H

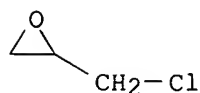


● HCl

CM 2

CRN 106-89-8

CMF C3 H5 Cl O



12 REFERENCES IN FILE CA (1907 TO DATE)

12 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 136:273206

REFERENCE 2: 135:251966

REFERENCE 3: 135:117235

REFERENCE 4: 134:531

REFERENCE 5: 134:530

REFERENCE 6: 131:82969

REFERENCE 7: 130:332895

REFERENCE 8: 125:171352

REFERENCE 9: 125:171351

REFERENCE 10: 124:58982

=> => fil medline

FILE 'MEDLINE' ENTERED AT 10:14:08 ON 17 JUL 2006

FILE LAST UPDATED: 15 JUL 2006 (20060715/UP). FILE COVERS 1950 TO DATE.

On December 11, 2005, the 2006 MeSH terms were loaded.

The MEDLINE reload for 2006 is now (26 Feb.) available. For details on the 2006 reload, enter HELP RLOAD at an arrow prompt (=>).

See also:

<http://www.nlm.nih.gov/mesh/>

[http://www.nlm.nih.gov/pubs/techbull/nd04/nd04\\_mesh.html](http://www.nlm.nih.gov/pubs/techbull/nd04/nd04_mesh.html)

[http://www.nlm.nih.gov/pubs/techbull/nd05/nd05\\_med\\_data\\_changes.html](http://www.nlm.nih.gov/pubs/techbull/nd05/nd05_med_data_changes.html)

[http://www.nlm.nih.gov/pubs/techbull/nd05/nd05\\_2006\\_MeSH.html](http://www.nlm.nih.gov/pubs/techbull/nd05/nd05_2006_MeSH.html)

OLDMEDLINE is covered back to 1950.

MEDLINE thesauri in the /CN, /CT, and /MN fields incorporate the MeSH 2006 vocabulary.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d all 1124

L124 ANSWER 1 OF 1 MEDLINE on STN  
 AN 2002707931 MEDLINE  
 DN PubMed ID: 12469904  
 TI Pathophysiology and recent advances in the management of renal osteodystrophy.  
 AU Elder Grahame  
 CS Garvan Institute of Medical Research, Sydney, NSW, Australia.  
 SO Journal of bone and mineral research : the official journal of the American Society for Bone and Mineral Research, (2002 Dec) Vol. 17, No. 12, pp. 2094-105. Ref: 137  
 Journal code: 8610640. ISSN: 0884-0431. *not pri. art*  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 General Review; (REVIEW)  
 LA English  
 FS Priority Journals  
 EM 200305  
 ED Entered STN: 17 Dec 2002  
 Last Updated on STN: 17 May 2003  
 Entered Medline: 16 May 2003  
 AB Bone disease is observed in 75-100% of patients with chronic renal failure as the glomerular filtration rate (GFR) falls below 60 ml/minute. Hyperparathyroid (high turnover) bone disease is found most frequently followed by mixed osteodystrophy, low-turnover bone disease, and osteomalacia. With advancing renal impairment, "skeletal resistance" to parathyroid hormone (PTH) occurs. To maintain bone turnover, intact PTH (iPTH) targets from two to four times the upper normal range have been suggested, but whole PTH(1-84) assays indicate that amino-terminally truncated fragments, which accumulate in end-stage renal disease (ESRD), account for up to one-half of the measured iPTH. PTH levels and bone-specific alkaline phosphatase (BSAP) provide some information on bone involvement but bone biopsy and histomorphometry remains the gold standard. Calcitriol and calcium salts can be used to suppress PTH and improve osteomalacia but there is growing concern that these agents predispose to the development of vascular calcification, cardiovascular morbidity, low-turnover bone disease and fracture. Newer therapeutic options include less calcemic vitamin D analogues, calcimimetics and bisphosphonates for hyperparathyroidism, and **sevelamer** for phosphate control. Calcitriol and hormone-replacement therapy (HRT) have been shown to maintain bone mineral density (BMD) in certain patients with end-stage renal disease (ESRD). After renal transplantation, renal osteodystrophy generally improves but BMD often worsens. Bisphosphonate therapy may be appropriate for some patients at risk of fracture. When renal bone disease is assessed using a combination of biochemical markers, histology and bone densitometry, early intervention and the careful use of an increasing number of effective therapies can reduce the morbidity associated with this common problem.  
 CT Biopsy  
 Humans  
 Parathyroid Hormone: PH, physiology